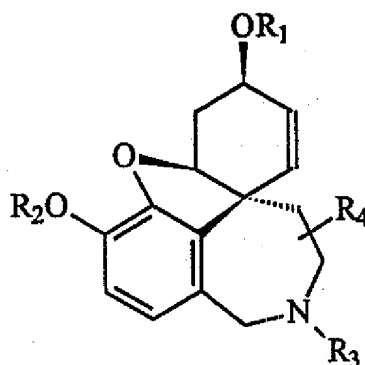


Please amend the Claims as follows:

1. (Cancelled)

2. (Previously presented) A method of treating attention deficit disorders comprising the step of administering a medicament comprising galantamine or a derivative thereof of formula II



wherein  $R^1$  and  $R^2$  which may be the same or different each represents a hydrogen atom or an acyl group, such as a lower alkanoyl group, e.g. an acetyl group or a straight-chained or branched alkyl group, e.g. methyl, ethyl, propyl, or isopropyl;

$R^3$  is a straight or branched chain alkyl, alkenyl or alkaryl group which is optionally substituted by a halogen atom or a cycloalkyl, hydroxy, alkoxy, nitro, amino, aminoalkyl, acylamino, heteroaryl, heteroarylalkyl, aroyl, aroylalkyl or cyano group; and

$R_4$  represents a hydrogen or a halogen atom attached to at least one of the ring carbons of the tetracyclic skeleton,

and pharmaceutically acceptable salts thereof, such as a hydrobromide, hydrochloride, methylsulphate or methiodide wherein said galantamine derivative is an acetylcholinesterase inhibitor that is active selectively at nicotinic receptor sites and is capable of crossing the blood-brain barrier.

3. (Previously presented) A method of treating attention deficit disorders comprising the step of administering a medicament comprising galantamine or a salt thereof.

4. (Currently amended) The method of any one of claims 1 to 3 2 or 3, wherein the disorder is attention deficit hyperactivity disorder.

5. (Currently amended) The method of any one of claims 1 to 3 2 or 3, wherein the disorder is a hyperkinetic disorder.

6. Cancelled

7. Cancelled